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## **Streamflow Forecast Summary: June 1, 2004 (averages based on 1981-2010 reference period)**

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

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Muller et al. / Part C and Sulfur

## Clarke's Pit Vole *Volemus v. clarkei* Bowne

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Forecast Exceedance Probabilities for Risk Assessment								
WIND RIVER BASIN	Chance that actual volume will exceed forecast							
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)

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Dinwoody Ck nr Burris

Wind R Ab Bull Lake Ck

Bull Lake Ck nr Lenore

Wind R at Riverton

Little Popo Agie R nr Lander

SF Little Wind R nr Fort Washakie

Little Wind R nr Riverton

Boysen Reservoir Inflow

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>BIGHORN RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Boysen Reservoir Inflow

Greybull R nr Meeteetse

Shell Ck nr Shell

Bighorn R at Kane

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>SHOSHONE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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NF Shoshone R at Wapiti

SF Shoshone R nr Valley

SF Shoshone R ab Buffalo Bill Reservoir

Buffalo Bill Reservoir Inflow<sup>2</sup>

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>POWDER RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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MF Powder R nr Barnum

NF Powder R nr Hazelton

Rock Ck nr Buffalo

Piney Ck at Kearny

Powder R at Moorehead

Powder R nr Locate

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>TONGUE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Tongue R nr Dayton

Big Goose Ck nr Sheridan

Little Goose Ck nr Bighorn

Tongue River Reservoir Inflow

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>CHEYENNE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Deerfield Reservoir Inflow

Pactola Reservoir Inflow

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>UPPER NORTH PLATTE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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North Platte R nr Northgate

Encampment R nr Encampment<sup>2</sup>

Rock Ck nr Arlington

Sweetwater R nr Alcova

Seminoe Reservoir Inflow

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>SWEETWATER RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Sweetwater R nr Alcova

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>LOWER NORTH PLATTE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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La Prele Ck ab La Prele Reservoir

North Platte R - Alcova to Orin Gain

North Platte R bl Glendo Reservoir

North Platte R bl Guernsey Reservoir

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Chance that actual volume will exceed forecast								

<b>LARAMIE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Laramie R nr Woods

Little Laramie R nr Filmore

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								

<b>LITTLE SNAKE RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Little Snake R nr Slater<sup>2</sup>

Little Snake R nr Dixon<sup>2</sup>

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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<b>UPPER GREEN RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Green R at Warren Bridge								
Pine Creek ab Fremont Lake								
New Fork R nr Big Piney								
Fontenelle Reservoir Inflow								
Big Sandy R nr Farson								

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Green R nr Green River, WY <sup>2</sup>								
Blacks Fk nr Robertson								
EF of Smiths Fork nr Robertson <sup>2</sup>								
Hams Fk bl Pole Ck nr Frontier								
Viva Naughton Reservoir Inflow								
Flaming Gorge Reservoir Inflow <sup>2</sup>								

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<b>UPPER BEAR RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Bear R nr UT-WY State Line								
Bear R ab Resv nr Woodruff								
Smiths Fk nr Border								

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